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S	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/583,127		
	INFORMATION DISCI	AS.	HDE	Filing Date	June 16, 2006	
				First Named Inventor	Sugai et al.	
	STATEMENT BY APP	LIC	ANI	Art Unit	1645	
	(Use as many sheets as neces	ssa <i>ry)</i>		Examiner Name	Brian J. Gangle	
Sheet	1	of	2	Attorney Docket Number	1680/14	

	U.S. PATENT DOCUMENTS						
ExamIner Initials*	Cite No.1	Document Number Number - Kind Code ^{2 (If known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	US-2009/0274635	11-05-2009	Sugai et al.			
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		FURE	EIGN PATENT DO	POINTEN 19	, Description	-
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	_
Initials*	No.¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
	2	WO2005/058343	06-30-2005	Two Cells Co., Ltd.	Abstract	
	3	JP 2005-179205	07-07-2005	Japan Sclence & Tech. Agency	Abstract	

Examiner	Date	
Signature	Considered	

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PTO/SB/08b (07-09)

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Gubout				Application Number	10/583,127	
INF	ORMATION DISC	CL OS	SURF	Filing Date	June 16, 2006	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Sugai et al.			
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(Use as many sheets as necessary)				Examiner Name	Brian J. Gangle	
Sheet	2	of	2	Attorney Docket Number	1680/14	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4	Bork, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," Genome Research. Vol. 10 pgs. 398-400 (2000).	
	5	Bowie et al., "Deciphering the message in protein sequences: tolerance to amino acid substitutions," Science. Vol. 247, No. 4948 pgs. 1306-1310 (1990) [ABSTRACT].	
	6	Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," The Journal of Cell Biology. Vol. 111 pgs. 2129- 2138 (1990).	
	7	Lazar et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," Molecular and Cellular Biology. Vol. 8, No. 3 pgs. 1247-1252 (1988).	***************************************
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